

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092823\
 Data File : VX037958.D
 Acq On : 28 Sep 2023 18:30
 Operator : JC/MD
 Sample : 04662-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW10A-GW-560-562

Quant Time: Sep 29 05:49:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

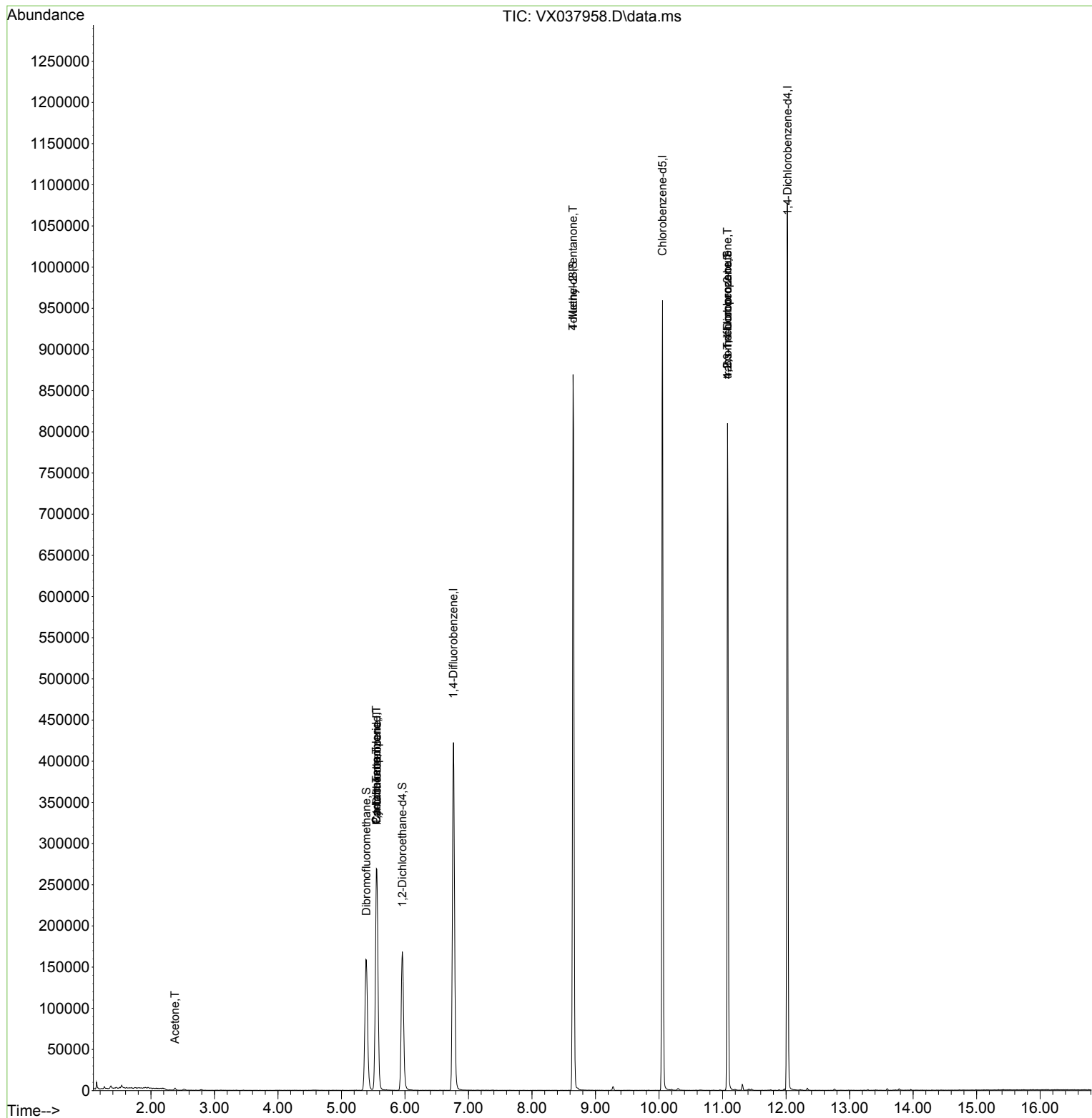
Internal Standards						
1) Pentafluorobenzene	5.556	168	261782	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	446143	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	434733	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	228694	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	162476	47.239	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.480%
35) Dibromofluoromethane	5.391	113	141176	47.293	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.580%
50) Toluene-d8	8.647	98	535868	48.312	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.620%
62) 4-Bromofluorobenzene	11.079	95	206511	51.237	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.480%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	2688	1.625	ug/l	92
31) Cyclohexane	5.550	56	5642	1.278	ug/l	# 7
36) 1,1-Dichloropropene	5.556	75	20000	4.864	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	26545	6.169	ug/l	# 16
51) 4-Methyl-2-Pentanone	8.647	43	2115	0.461	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	104900	19.832	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	104900	63.529	ug/l	# 5

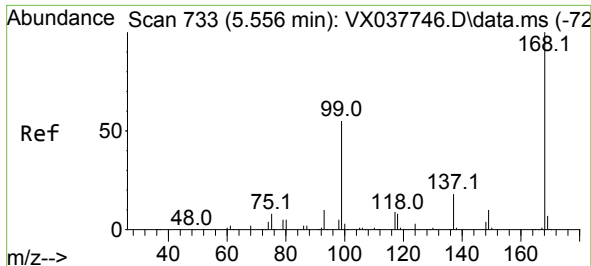
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BP-VPB-RW10A-GW-560-562

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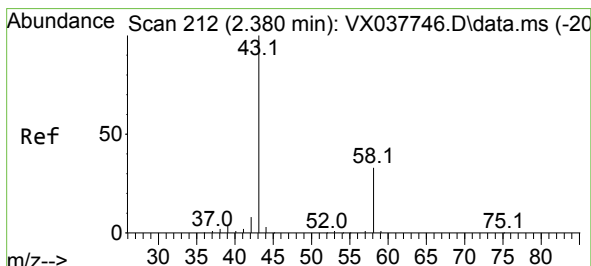
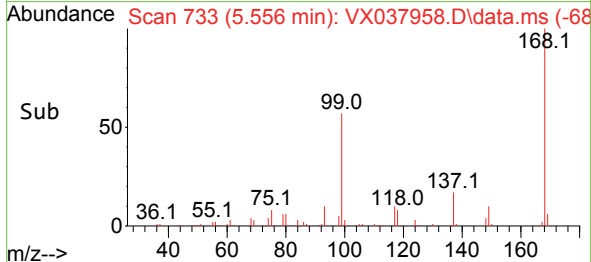
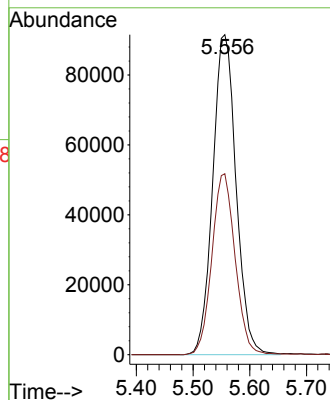
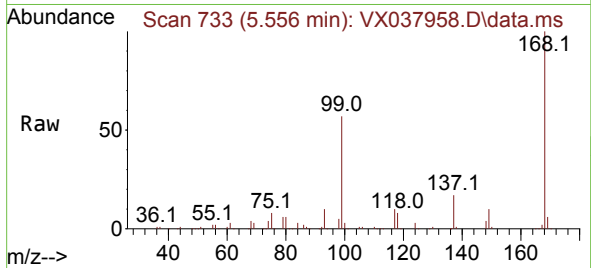




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.006 min
Lab File: VX037958.D
Acq: 28 Sep 2023 18:30

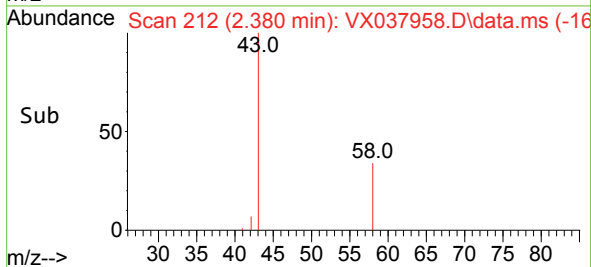
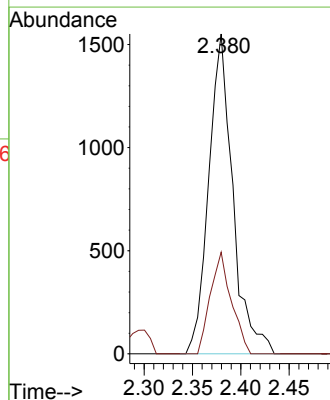
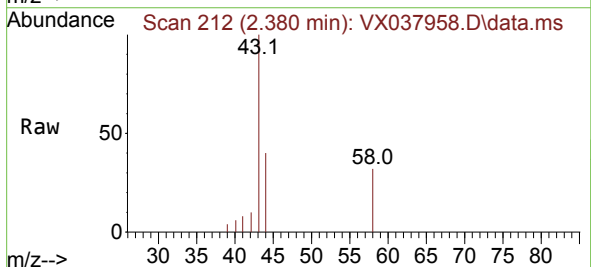
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-GW-560-562

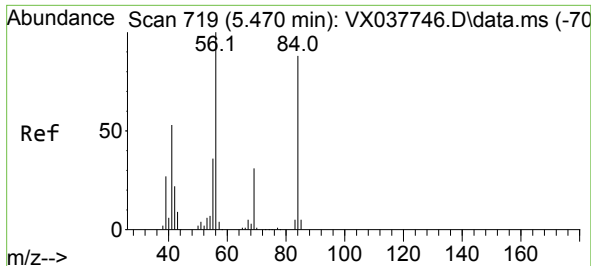
Tgt Ion:168 Resp: 261782
Ion Ratio Lower Upper
168 100
99 56.6 56.6 85.0#



#16
Acetone
Concen: 1.625 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX037958.D
Acq: 28 Sep 2023 18:30

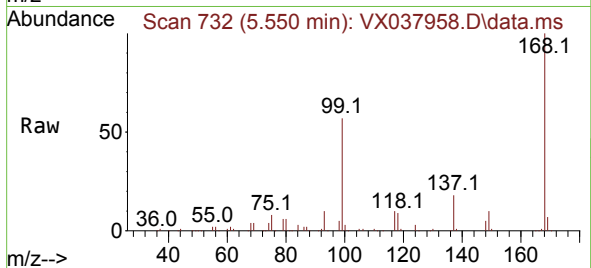
Tgt Ion: 43 Resp: 2688
Ion Ratio Lower Upper
43 100
58 31.8 21.9 32.9



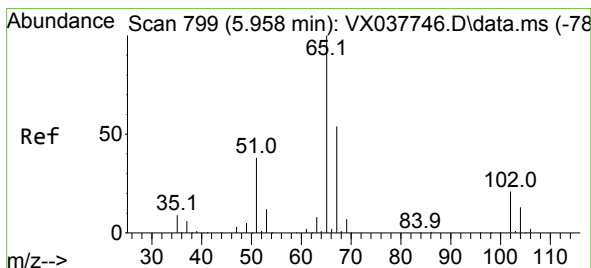
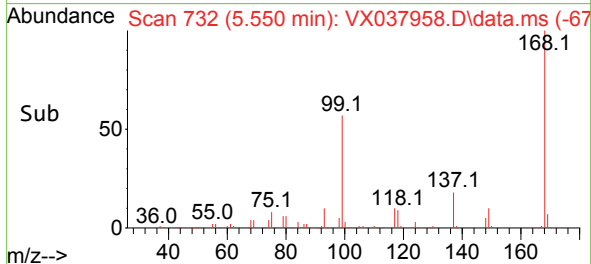
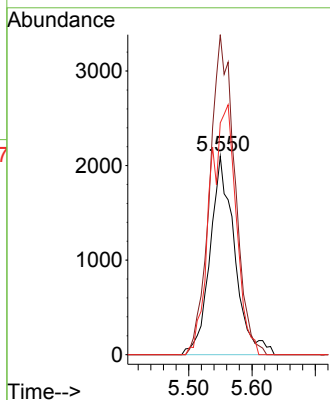


#31
Cyclohexane
Concen: 1.278 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX037958.D
Acq: 28 Sep 2023 18:30

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-GW-560-562

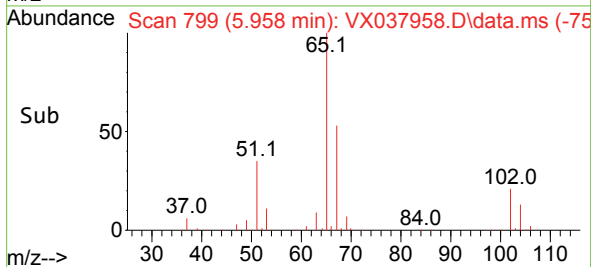
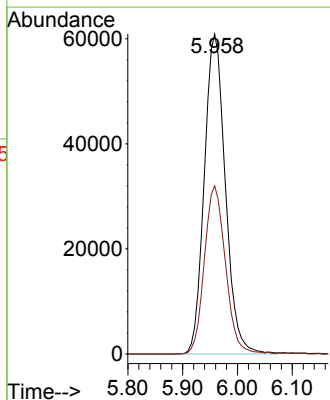
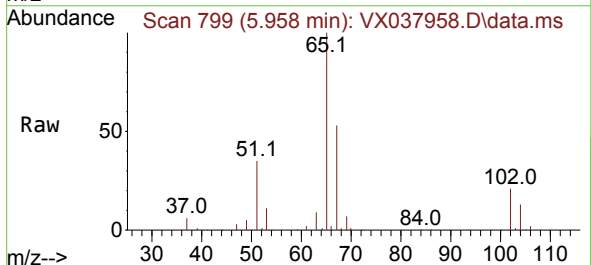


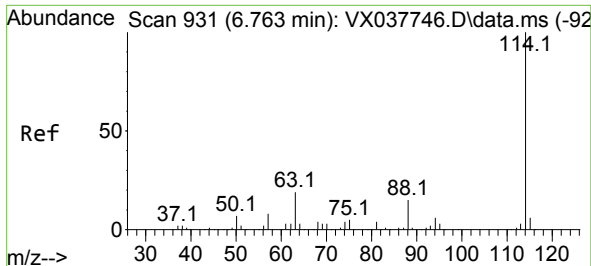
Tgt Ion: 56 Resp: 5642
Ion Ratio Lower Upper
56 100
69 161.3 23.4 35.2#
84 116.8 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 47.239 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037958.D
Acq: 28 Sep 2023 18:30

Tgt Ion: 65 Resp: 162476
Ion Ratio Lower Upper
65 100
67 52.5 0.0 100.2

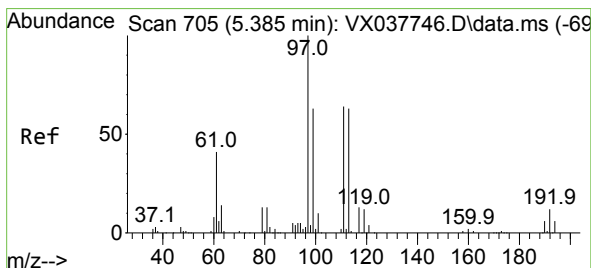
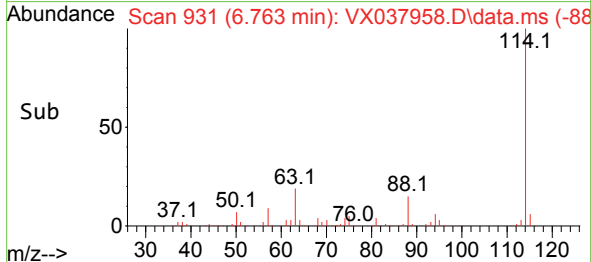
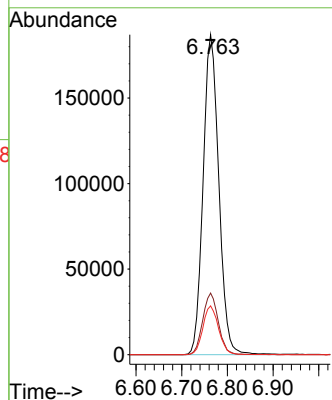
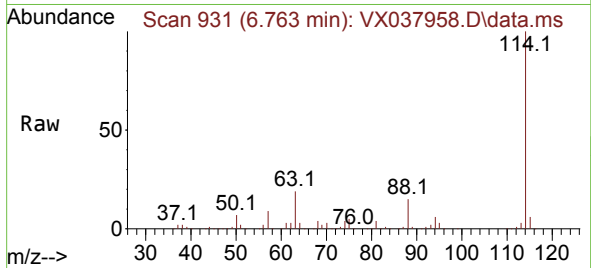




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX037958.D
Acq: 28 Sep 2023 18:30

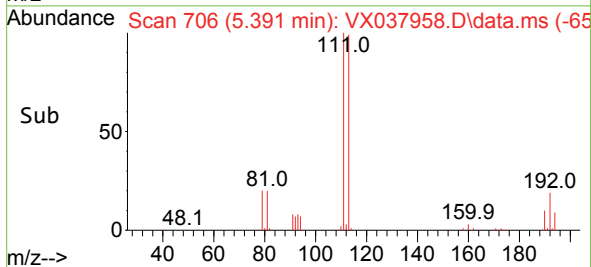
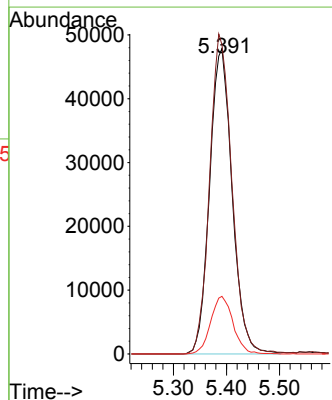
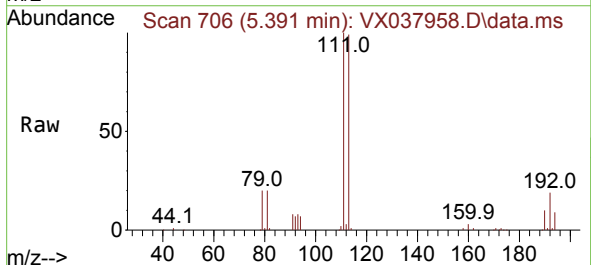
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-GW-560-562

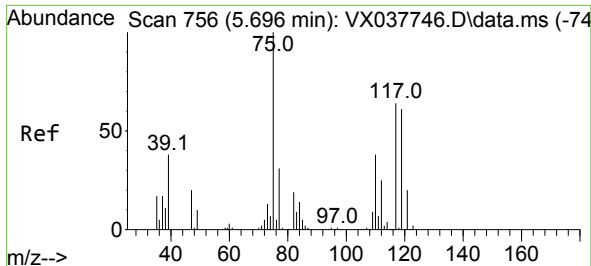
Tgt Ion:114 Resp: 446143
Ion Ratio Lower Upper
114 100
63 19.2 0.0 45.0
88 15.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.293 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX037958.D
Acq: 28 Sep 2023 18:30

Tgt Ion:113 Resp: 141176
Ion Ratio Lower Upper
113 100
111 103.7 82.9 124.3
192 18.8 13.3 19.9

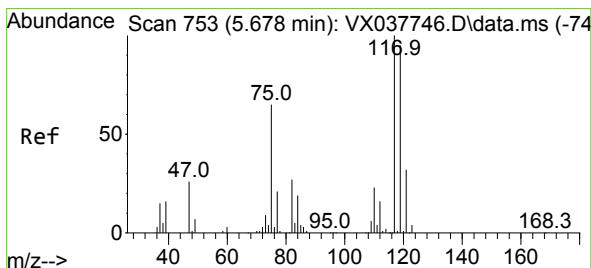
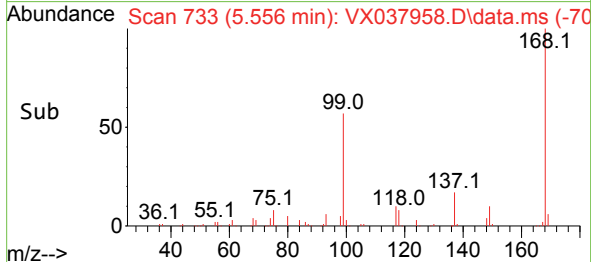
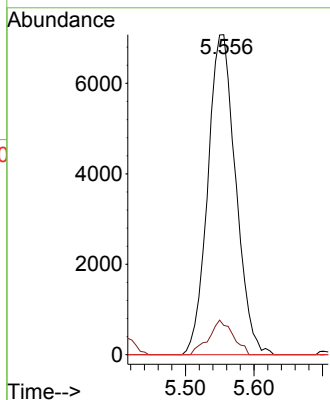
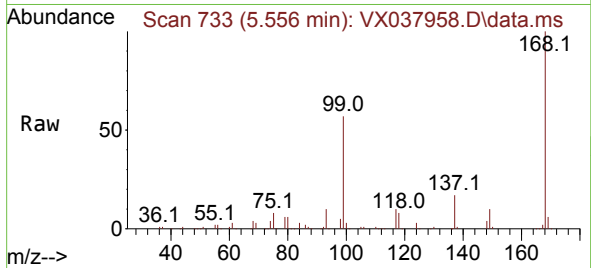




#36
1,1-Dichloropropene
Concen: 4.864 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX037958.D
Acq: 28 Sep 2023 18:30

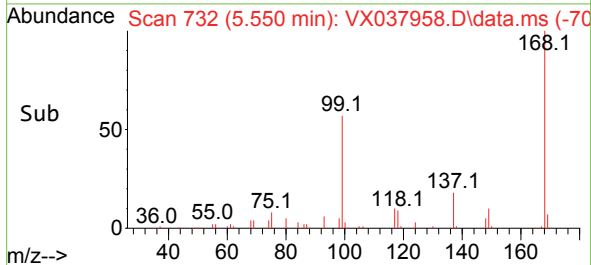
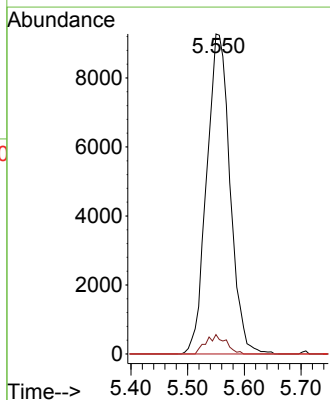
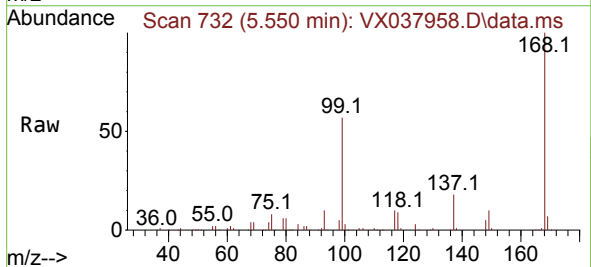
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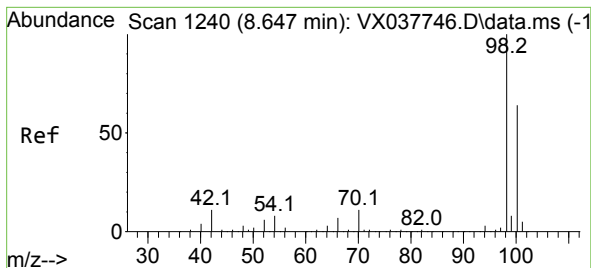
Tgt Ion: 75 Resp: 20000
Ion Ratio Lower Upper
75 100
110 9.4 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.169 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX037958.D
Acq: 28 Sep 2023 18:30

Tgt Ion: 117 Resp: 26545
Ion Ratio Lower Upper
117 100
119 6.0 78.2 117.2#
121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 48.312 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX037958.D

Acq: 28 Sep 2023 18:30

Instrument :

MSVOA_X

ClientSampleId :

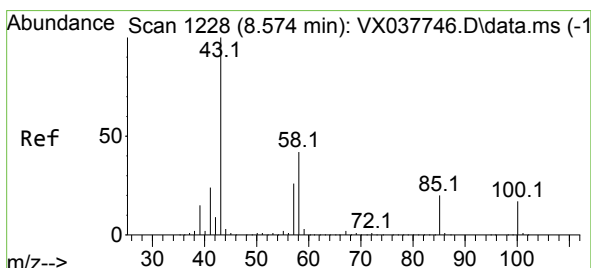
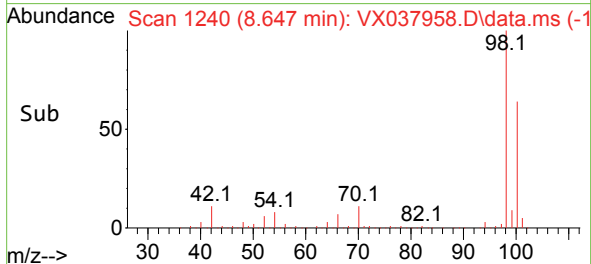
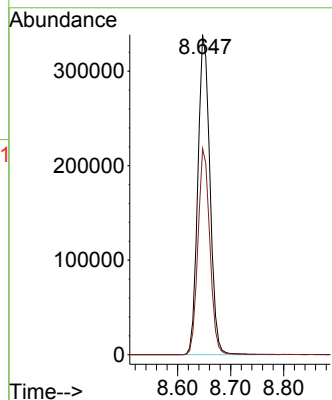
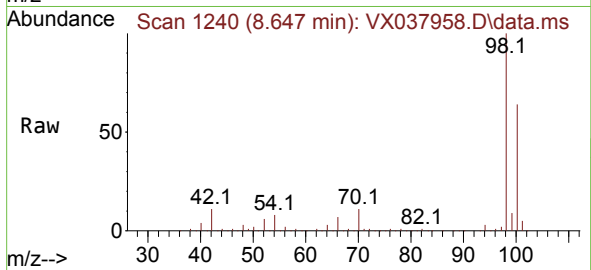
BP-VPB-RW10A-GW-560-562

Tgt Ion: 98 Resp: 535868

Ion Ratio Lower Upper

98 100

100 63.3 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 0.461 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX037958.D

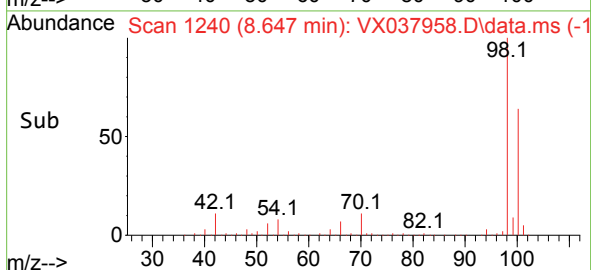
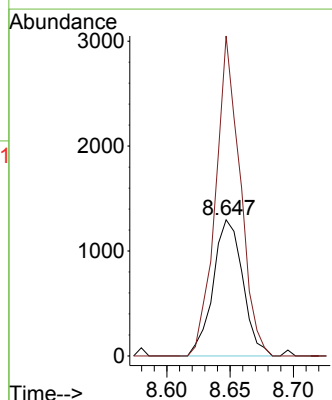
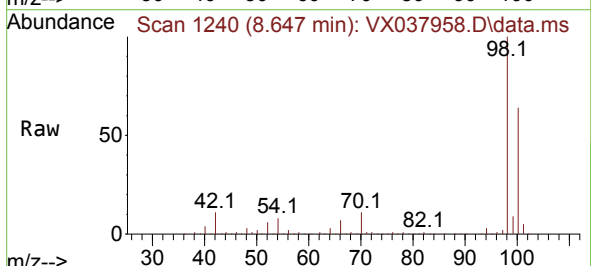
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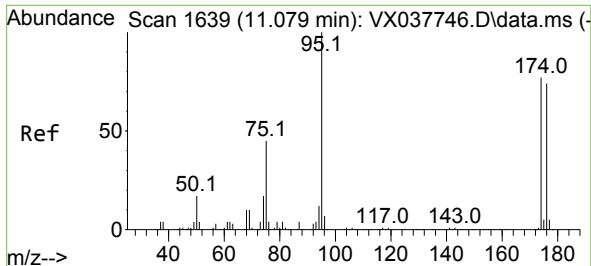
Tgt Ion: 43 Resp: 2115

Ion Ratio Lower Upper

43 100

58 194.8 30.4 45.6#

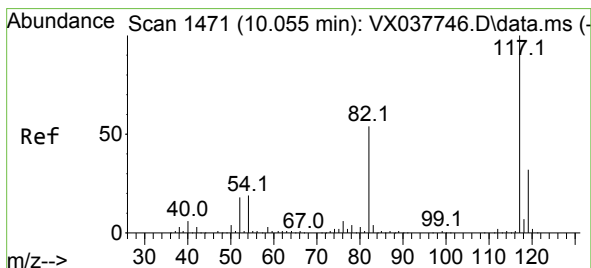
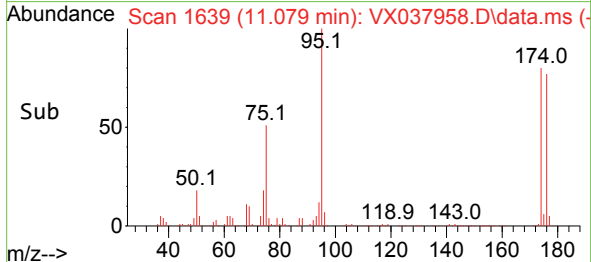
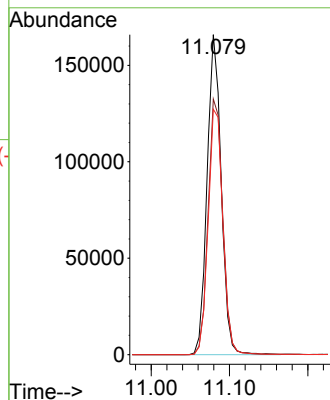
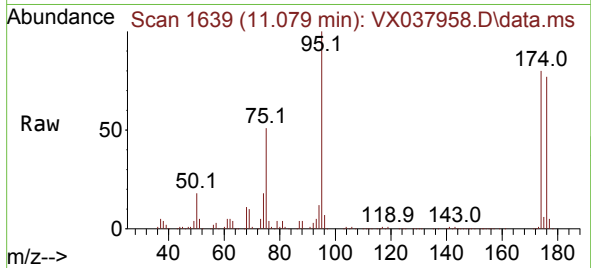




#62
4-Bromofluorobenzene
Concen: 51.237 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX037958.D
Acq: 28 Sep 2023 18:30

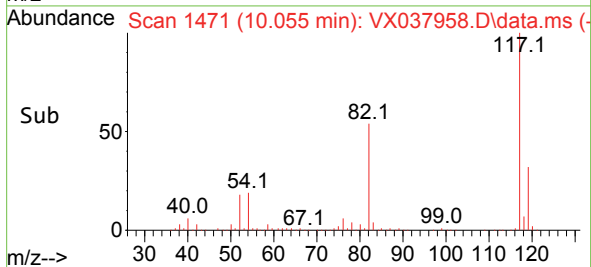
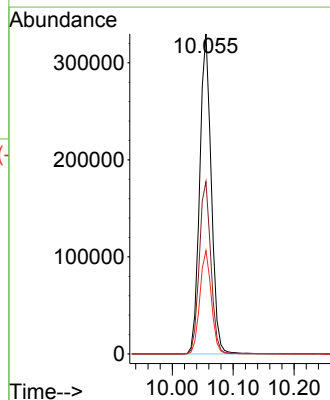
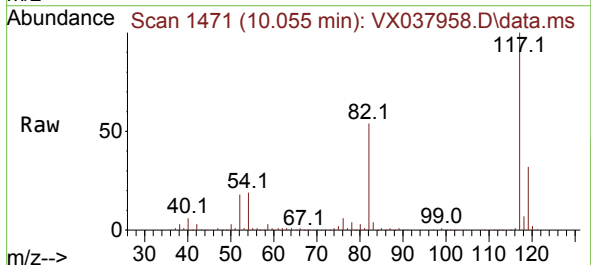
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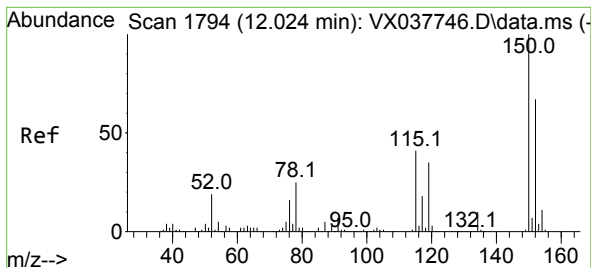
Tgt Ion: 95 Resp: 206511
Ion Ratio Lower Upper
95 100
174 83.4 0.0 135.6
176 80.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037958.D
Acq: 28 Sep 2023 18:30

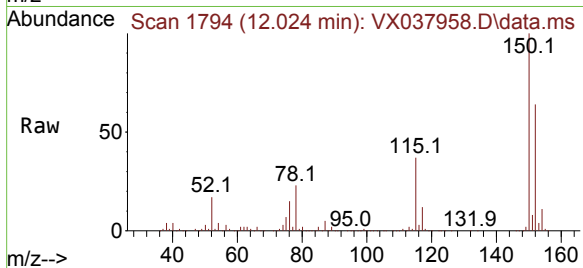
Tgt Ion: 117 Resp: 434733
Ion Ratio Lower Upper
117 100
82 53.9 46.2 69.4
119 32.3 25.5 38.3



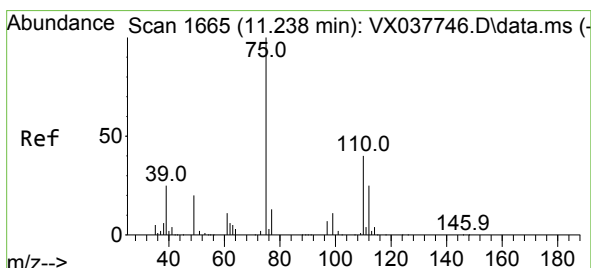
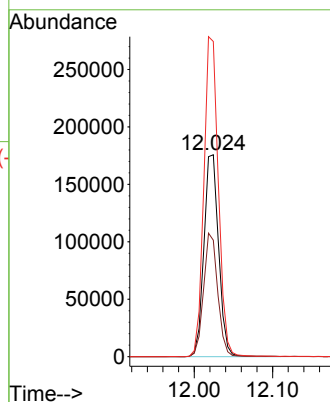
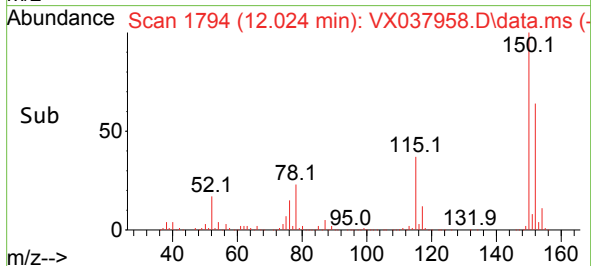


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX037958.D
 Acq: 28 Sep 2023 18:30

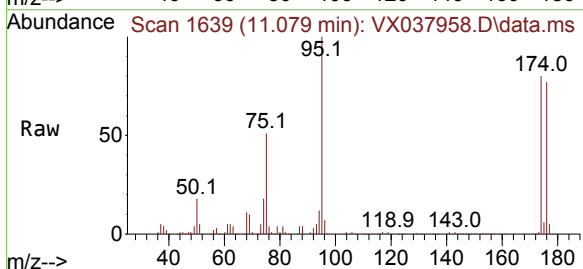
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW10A-GW-560-562



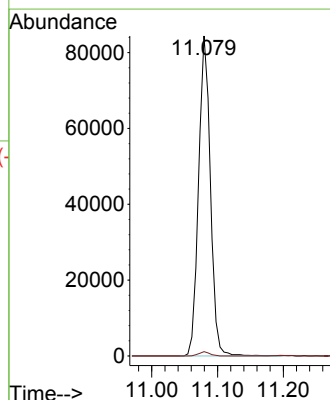
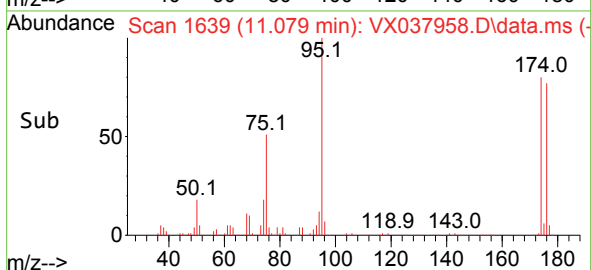
Tgt Ion:152 Resp: 228694
 Ion Ratio Lower Upper
 152 100
 115 59.1 43.3 129.9
 150 156.6 0.0 345.0

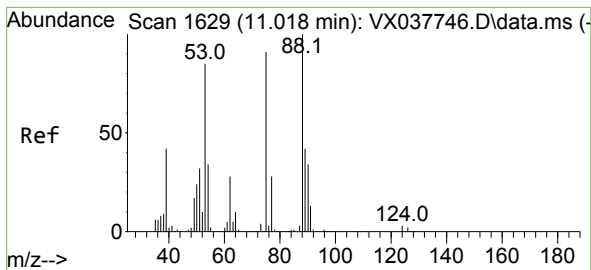


#76
 1,2,3-Trichloropropane
 Concen: 19.832 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX037958.D
 Acq: 28 Sep 2023 18:30



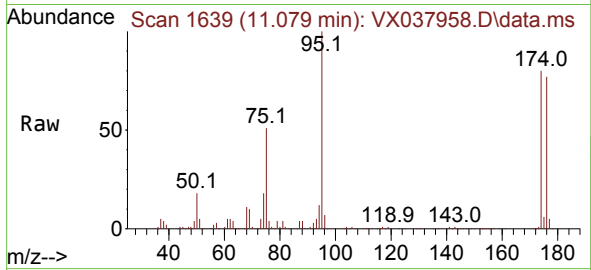
Tgt Ion: 75 Resp: 104900
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.529 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX037958.D
 Acq: 28 Sep 2023 18:30

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW10A-GW-560-562



Tgt Ion: 75 Resp: 104900
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

